Family ties: Understanding household labor allocation for mitigating impacts of disasters, conflict, and COVID-19

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Objective

Our Goal

Understand how household income diversification affects welfare outcomes in the face of compounding risks in Sub-Saharan Africa.

Leverage longitudinal survey data from COVID-19 phone surveys and pre-COVID-19 face-to-face surveys in:

- Burkina Faso
- Ethiopia
- Malawi

- Nigeria
- Uganda

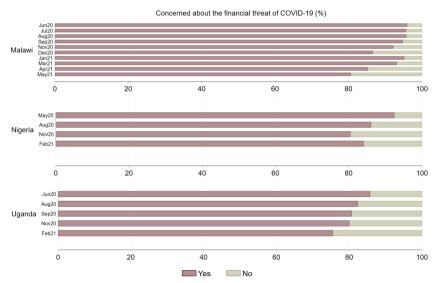
Data

2018-19 LSMS-ISA data serve as a baseline.

Phone surveys after the onset of the pandemic provide follow-up information.

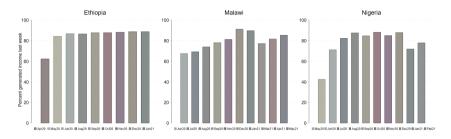
- Nationally representative samples.
- 12-month data collection cycle.
- 46 survey rounds and 98,000+ interviews across 5 countries.

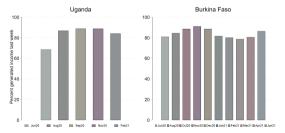
The stressor: Concerns about the financial threat of the pandemic remain high.



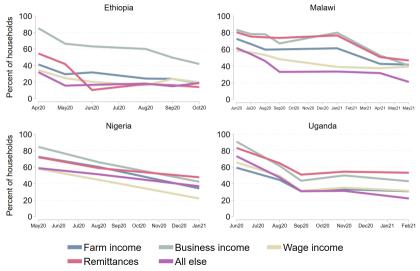
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The problem: Share of respondents engaged in income-generating activities has fluctuated.





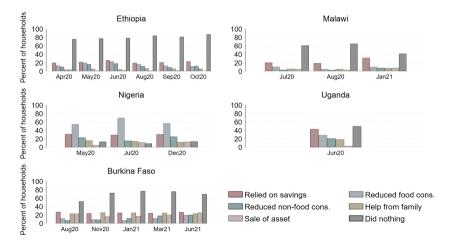
The problem: Share of households reporting income loss has been large, though recovering.



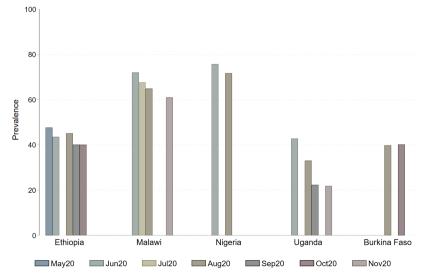
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The response: Most common coping mechanisms are relying on savings and reducing food consumption.

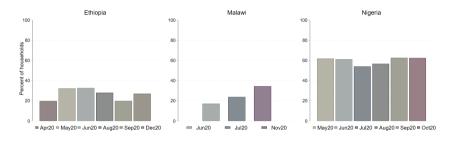
Findings

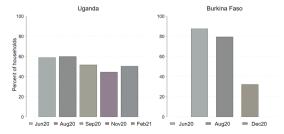


The outcome: Food insecurity remains high, particularly in Malawi and Nigeria.



The outcome: Educational engagement during COVID-19 is low.





Next Steps

- Further explore relationship between livelihood diversification and welfare outcomes after multiple stressors.
- Continue progress on rigorous literature review.
- Integrate pre-COVID baseline data.
- Conduct analysis using panel and diff-in-diff methods.

Check for opcides

Socioeconomic impacts of COVID-19 in low-income countries

Anna Josephson 1, Talip Kilic 2 and Jeffrey D. Michler 18

The emergence of SARS-CoV-2 and attempts to limit its scread have resulted in a contraction of the violati economy. Here we document the socioeconomic impacts of the pandemic among households, adults and children in low-income countries. To do so, we rely on longitudinal household survey data from Ethiopia, Malawi, Nigeria and Uganda, originating from pre-COVID-19 face-to-face household surveys plus phone surveys implemented during the pandemic. We estimate that 256 million indisideale 77% of the pendation-line in boundable that have fast income during the pandemic. Attempts to cope with this less are expectated by food insecurity and an inability to access medicine and stanle foods. Finally, we find that studentteacher contact has dropped from a pre-COVID-19 rate of 96% to just 17% among households with school-aged children. These ngs can inform decisions by governments and international organizations on measures to mitigate the effects of the COVID-19 pandemic.

ARS-CoV-2 is a major global threat to human health, with 102 million cases and 2.2 million deaths worldwide as of 2 February 2021 Governments have sought to limit the exceed quarantines and lockdowns, and closed businesses and schools... In addition to the economic burden of COVID-19-related morbidity est health and connunic hunden has been beene by the American and Europe'. However, recent evidence indicates that lose-income countries, with their limited health system caracities, are likely to countries, with their limited health system capacities, are there to suffer infection and mortality rates similar to or greater than those the health impacts of COVID-19 in low-income countries is rapidly emerging, there is limited evidence on the socioeconomic forecast potential future scenarios on the basis of assumptions about the disease stread. By contrast, we rely on direct measurements of accioeconomic indicators to document the implications of the of socioeconomic indicators to document the implications of the pandentic for households, adults and children living in lose income countries, as well as the actions that households are taking to miti-

An acute challenge emerging from the global purdence is how health benefits and the economic costs of managing the stread of the virus. Even in high-income countries, which tend to be data sich in terms of health and economic information striking this balance frequently proper politically difficult. By contrast low-income countries, which tend to be resource-constrained, are data poor in terms of reliable and timely information on the served of SARS-CoV-2 and on the health and companie terracts of arms countries band on the terrelite questionnaires and the anti-contagion policies. Our objective is to directly measure, at the household, adult and shild leads the recine contents impacts of the numbersic and the noticies irreferented to sless the arrest of the virus. While we make no claims of causal identification arising from

our statistical analysis, most of the outcomes we examine arise from survey questions that ask directly about how the pandemic and the accompanies restrictions have affected the respondent and her or of the virus and mitigate the negative health extremes of the disease his household. Our goal is to learn from how individuals cope with through various policy measures that have limited travel, imposed the socioeconomic effects of the virus. This can inform decisions by governments and international aid organizations regarding how heat to mitigate the peniating effects of the COVID-19 pundemic.

Our findings are based on longitudinal data from high-frequency phone surveys conducted in Ethiopia, Malawi, Nigeria and Uganda with compact from the World Bank, Starting in May 2020, and conwith support from the World Bank. Starting in May 2020, and con-tinging every month thereafter, the phone surveys aim to interview currently suffered by high-income countries. While research on a nationally representative sample of bouseholds. They follow up households that had been previously been interviewed face-to-face prior to the COVID-19 pundemic. Both pre-COVID-19 face to face en ner-COVID-19 macroeconomic data and simulation models to under the World Bank Living Standards Measurement Study (LSMS)-Integrated Surveys on Agriculture (ISA) initiative.

The pre-COVID-19 LSMS-ISA-supported surveys that serve as carreding frames for the phone surveys some designed to be some sentative at the national, regional and urban and rural levels. These surveys include the Ethiopia Socio-economic Survey 2018-2019. Malayri Interrated Hossebald Panel Survey (IHPS) 2019. Nigeria General Household Survey (GHS) Punel 2018/19, and Usanda phone survey attempted to call all LSMS-ISA households for whom at least one phone number was available either for a household memher or for a suference individual In Nigeria a national subsected was drawn from the set of LSMS-ISA homeholds with phone norm through the World Bank Microdata Library and are comparable phone survey sampling guidelines (see Methods and Supplementary

holds across the four countries, as well as how these households

CHAPTER 7

The evolving socioeconomic impacts of Covid-19 in four African countries

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INTRODUCTION

The socioeconomic impacts of the Covid-19 pandemic are not yet fully understood as the disease continues to affect individuals and households around the world. Governments have worked to attenuate these socioeconomic impacts by limiting the spread of the virus and mitigating the negative health outcomes of the disease through various policy measures. These policies include limiting travel, imposing quarantines and lockdowns. and closing businesses and schools. The effects of the pandemic have been felt worldwide. though little evidence yet evists on the opening impacts for individuals and households in Africa (one exception is the chapters in Djankov and Panizza 2020). We rely on direct measurements of socioeconomic indicators to present evidence on the evolving effects of the pandemic on households, adults, and children living in four African countries (Ethiopia, Malawi, Nigeria, and Uganda), as well as the actions that households are taking to mitigate these impacts.

DATA AND METHODS

To examine the evolving effects of the pandemic, we use longitudinal data from highfrequency national phone surveys in Ethiopia, Malawi, Nigeria, and Uganda, In each country, these phone surveys aim to conduct monthly phone interviews, for a period of 19 months. Supported by the World Bank Living Standards Measurement Study (LSMS), the implementing agencies for the phone surveys in Ethiopia, Malawi, Nigeria, and Uganda are, respectively. Laterite Ethiopia, the Malawi National Statistical Office, the Nigeria Bureau of Statistics, and the Usanda Bureau of Statistics. The anonymised, unit-record phone survey data - as well as basic information documents, interviewer manuals, and question naires - associated with each monthly survey round are made publicly available through the World Bank Microdata Library, under the High-Frequency Phone Survey collection (World Bank 2020a, 2020b, 2020c, 2020d).